

ABSTRACT

A searching system allowing high-speed data searching and operation is disclosed. A search table is provided which stores a copy of an entry that has been retrieved from a database to retrievably store a plurality of retrieved entries. Further, an address pointer table is provided which stores a list of retrieved entries which are linked from a leading one to a bottom one. A search processor can access a plurality of retrieved entries by referring to the list stored in the address pointer table so as to be consistent with a corresponding entry stored in the database when the corresponding entry has been updated.